

**Amendments to the Claims:**

This listing of claims will replace all prior versions, and listings, of claims in the application:

**Listing of Claims:**

1. (Currently Amended) A heat exchanger, ~~especially charge air/coolant radiator,~~  
comprising: of disk-type construction,

a plurality disks, wherein the plurality of disks includes at least [[with]] two adjacent disks defining an intermediate space through which a heat exchanger medium or a second medium to be cooled or to be heated can flow [[flows]],

wherein an [[the]] entry and/or exit region for [[of]] the heat exchanger medium and/or second medium is expanded at least on a [[the]] discharge side or inflow side of the radiator,

wherein an opening for the second medium is located in an end region of the disks, wherein the opening for the second medium extends essentially over an entire surface of the end region, except for edge regions and regions of the disks in which passages are arranged,

wherein heat exchanger medium passages are located in the end region of the disks so that the heat exchanger medium passages are offset in an axial direction of the disks from the opening for the second medium and are located further inward from an end of the disks than the opening for the second medium.

2. (Currently Amended) The heat exchanger as claimed in claim 1, wherein the region runs rectilinearly at least over a third, ~~in particular over half,~~ of a [[the]] width of at least one of the plurality of disks [[disk]].

3. (Currently Amended) The heat exchanger as claimed in claim 1, wherein the region runs at least over part of a [[the]] width of the disk perpendicularly or essentially transversely to an [[the]] average flow direction of the second medium.

4. (Canceled)

5. (Currently Amended) The heat exchanger as claimed in claim 1, wherein a common heat exchanger medium inlet and heat exchanger medium outlet are provided for the disks, wherein the heat exchanger medium passage comprise ~~[[with]]~~ at least two heat exchanger medium passages for each ~~being provided per~~ heat exchanger medium inlet and/or outlet.

6. (Currently Amended) The heat exchanger as claimed in claim 5 ~~[[1]]~~, wherein the disks are of axially symmetrical design with respect to their longitudinal axis and with regard to the heat exchanger medium passages.

7. (Currently Amended) The heat exchanger as claimed in claim 5 ~~[[1]]~~, wherein the disks are of axially symmetrical design with respect to their transverse axis and with regard to the heat exchanger medium passages.

8. (Previously Presented) The heat exchanger as claimed in claim 1, wherein a heat exchanger medium inlet and/or a heat exchanger medium outlet has a branching and/or junction.

9. (Currently Amended) The heat exchanger as claimed in claim 8, wherein the branching and/or junction is designed in a ~~[[the]]~~ shape of an arc of a circle.

10. (Currently Amended) The heat exchanger as claimed in claim 8, wherein a bend of 30° to 90° is provided, as seen in a ~~[[the]]~~ direction of flow, in an area ~~the region~~ of the branching and/or of the junction.

11. (Currently Amended) The heat exchanger as claimed in claim 8, wherein the heat exchanger medium inlet, which merges into two heat exchanger medium passages after the branching, runs parallel to the heat exchanger medium passages while a ~~[[the]]~~ two-part part of the branching is arranged in a plane lying perpendicularly thereto.

12. (Currently Amended) The heat exchanger as claimed in claim 8, wherein the heat exchanger medium outlet, which merges from two heat exchanger medium passages into the

junction, runs parallel to the heat exchanger medium passages while a ~~[[the]]~~ two-part part of the branching is arranged in a plane lying perpendicularly thereto.

13. (Currently Amended) The ~~Use of a~~ heat exchanger as claimed in claim 1, wherein the heat exchanger is ~~[[as]]~~ a charge-air/coolant radiator or oil cooler.

14. (New) The heat exchanger as claimed in claim 2, wherein the region runs rectilinearly at least over a half of the width of one of the plurality of disks.